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(54) Method and device for extracorporeal removal of toxins, in particular cytokines

(57) Effective removal of cytokines in acute patients is performed by first subjecting the blood for purification to ultrafiltration or plasmafiltration; subsequently feeding the ultrafiltrate or plasmafiltrate through an adsorption column wherein the adsorbent material is uncoated activated carbon and/or hydrophobic or ion-exchange polystyrene resins, such as AMBERLITE™, AMBERCHROM™, AMBERSORB™, commonly used in the

food industry; and then adding the purified ultrafiltrate or plasmafiltrate to the eluate recovered downstream from the ultrafilter or plasmafilter; preferably, the ultrafiltrate or plasmafiltrate is subjected to a double adsorption step, first through a column of activated carbon, and then through a column packed with hydrophobic or ion-exchange resin.

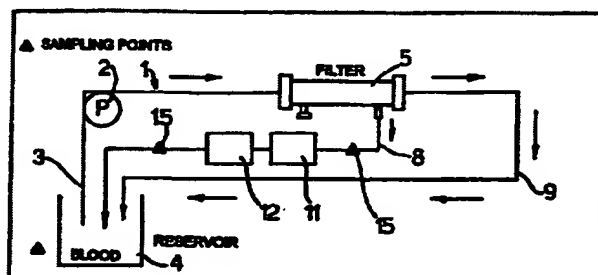


Fig.1